

Converting Colors

RGB(16, 225, 178)

Have a look what the booklet for
RGB(16, 225, 178) contains.

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Color

RGB(16, 225, 178)

Conversions

Conversions Part 1

Format	Color
Hex	10E1B2
RGB	16, 225, 178
RGB Percent	6%, 88%, 70%
CMY	0.9373, 0.1176, 0.3020
CMYK	0.93, 0.00, 0.21, 0.12
HSL	167°, 87%, 47%
HSV	167°, 93%, 88%
XYZ	35.1748, 57.1749, 51.3014
YIQ	157.1510, -109.4770, -58.9250

Conversions

Conversions Part 2

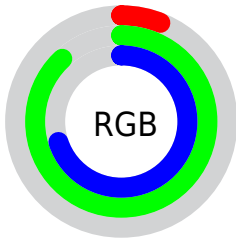
Format	Color
RYB	16, 134, 225
Decimal	1106354
CIELab	80.28, -56.01, 10.37
CIELCh	80, 56.965, 169.512
Yxy	57.1749, 0.2449, 0.3980
Android (android.graphics.Color)	4279296434 (0xFF10E1B2)
YUV	157.1510, 10.2786, -123.7894
Hunter-Lab	75.6141, -49.2886, 12.7038

Details

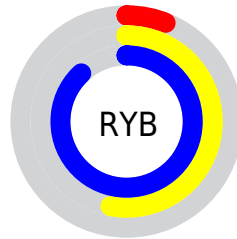
The RGB color **16, 225, 178** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **225, 16, 63**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **111, 255, 234**, and **0, 168, 125** is the 20% darker color. If you saturate the color by 10%, you get **0, 225, 174**, and if you desaturate by 10%, it is **39, 225, 183**.

Distribution



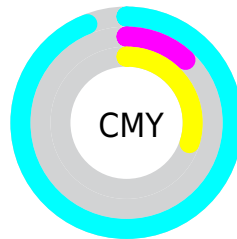
- Red (6%)
- Green (88%)
- Blue (70%)



- Red (6%)
- Yellow (53%)
- Blue (88%)



- Cyan (93%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)




















- Cyan (94%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 16, 225, 178 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 16, 225, 178 by changing the saturation by 10% instead.

 16, 225, 178	 16, 225, 178
 255, 255, 255	 0, 196, 151
 111, 255, 234	 0, 168, 125
 144, 255, 255	 0, 141, 100
 176, 255, 255	 0, 115, 76
 208, 255, 255	 0, 89, 54
 239, 255, 255	 0, 64, 32
	 0, 41, 10
	 0, 2, 0
	 0, 0, 0

■ 16, 225, 178

■ 16, 225, 178

■ 0, 225, 174

■ 39, 225, 183

■ 61, 225, 188

■ 84, 225, 193

■ 106, 225, 198

■ 129, 225, 203

■ 151, 225, 208

■ 173, 225, 213

■ 196, 225, 218

■ 219, 225, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



135, 219, 127



16, 225, 178



0, 226, 233

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16, 225, 178



173, 192, 255



255, 170, 120

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16, 225, 178



225, 16, 63

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 156, 166



16, 225, 178



246, 172, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16, 225, 178



27, 210, 255



255, 156, 220



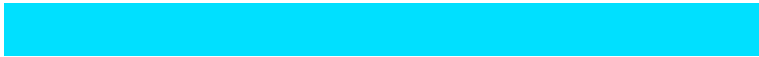
247, 190, 92

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16, 225, 178



0, 224, 255



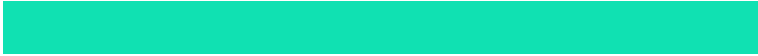
255, 156, 220



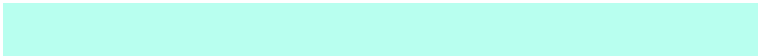
255, 164, 134

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16, 225, 178



184, 255, 239



65, 225, 16



84, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16, 225, 178



0, 255, 198



16, 169, 225



101, 112, 110



0, 176, 136



0, 48, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



225, 16, 63



255, 0, 57



225, 72, 16



112, 101, 104



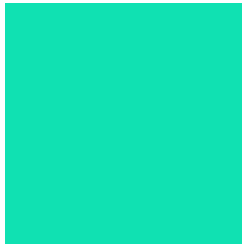
176, 0, 40



48, 0, 11

Previews

White Background



This preview shows how the RGB color 16, 225, 178 looks on a white background.

Color Contrast Check

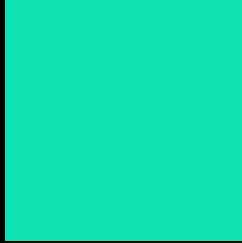
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 16, 225, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

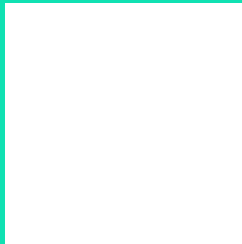
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 16, 225, 178 Background



This preview shows how black text looks on a background with the RGB color 16, 225, 178.

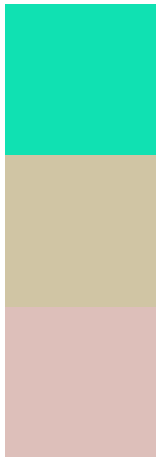


This preview shows how white text looks on a background with the RGB color 16, 225, 178.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

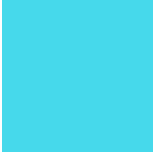
Dichromacy



Original Color
16, 225, 178

Protanopia
208, 197, 164

Deuteranopia
221, 191, 186



Tritanopia
70, 217, 235

Trichromacy



Original Color

16, 225, 178



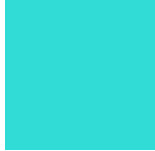
Protanomaly

138, 207, 169



Deuteranomaly

146, 203, 183



Tritanomaly

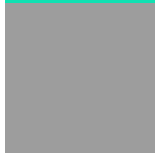
50, 220, 214

Monochromacy



Original Color

16, 225, 178



Achromatopsia

157, 157, 157



Achromatomaly

106, 182, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 16, 225, 178 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(16, 225, 178)` looks like.

```
.text, #text, p{  
    color:rgb(16, 225, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(16, 225, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 225, 178) }
```

Border

The CSS property to change the border of an element to RGB 16, 225, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 225, 178) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(16, 225, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(16, 225, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 225, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 225, 178);  
box-shadow:4px 4px 4px 4px rgb(16, 225,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 16, 225, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 225, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(16, 225,  
178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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